Methodology	The flood risks associated with each site have been identified and this information has informed the ranking. Sites have been ranked on a settlement basis from highest to lowest flood risk, which is identified by a numerical scale. It is the cumulative flood risk that has informed the ranking although where a site contains even a small section of Flood Zone 2 or 3 it is ranked higher. The assessment identifies which flood zones the site is situated within and the predominant zone, whether the site is within or Upstream of a Critical Drainage Area or whether it would drain into such an area, whether the site is at risk of groundwater flooding, whether the site has experienced groundwater or localised flooding and whether it is at risk of future surface water flooding in a 1 in 200 year event to a depth of 300 or 100mm. Where sites are grouped together they are considered to have the same level of flood risk. The numbers are highest to lowest number and do not indicate relative risk between settlements. This work should be read alongside the Sustainability Appraisal which identifies the mitigation measures necessary to address the associated risk if development comes forward. This work has been developed in discussion with the Environment Agency.

Bandings in order of highest to lowest flood risk	**Flood Risk Ranking - Basingstoke**	**The flood risk information has been sourced from the Council's Strategic Flood Risk Assessment, Water Cycle Study Phases 1 and 2, Environment Agency Flood Maps for Surface Water - 1 in 200 Year event to 100 and 300mm depths and the ongoing Surface Water Management Plan work.**	**Sequential Test Comments**
8	BAS103	Flood Zones 2 and 3 run through the site, although the site is predominantly within Flood Zone 1. The site is not within or Upstream of a Critical Drainage and there is no record of groundwater or localised flooding. Parts of the site (not significant areas) are identified as being at risk of future surface water flooding in a 1 in 200 year event at depths of 300 and 100 mm. Given the location of this site, potential for improvements and possibly expansion of the floodplains to be built into the masterplans for the sites should be considered if development were to come forward. Detailed modelling of the watercourses will clearly aide any assessment of potential for this. The Loddon Catchment Flood Management Plan seeks safeguarding of the flood plain and this should be considered as part of any development proposal.	This site is not recommended for allocation given high flood risk implications, biodiversity constraints and considering public consultation comments. Further detail on this is provided in the site assessment conclusions.

	BAS102	Flood Zones 2 and 3 run through the site, although the site is predominantly within Flood Zone 1. The site is not within or Upstream of a Critical Drainage and there is no record of groundwater flooding. There are records of localised flooding in the southern part of the site, although this is relatively minor. Parts of the site (not significant areas) are identified as being at risk of future surface water flooding in a 1 in 200 year event at a depth of 100 and 300 mm. Given the location of this site, potential for improvements and possibly expansion of the floodplains to be built into the masterplans for the sites should be considered - detailed modelling of the watercourses will clearly aide any assessment of potential for this. The Loddon Catchment Flood Management Plan seeks safeguarding of the flood plain and this should be considered as part of any development proposal if development were to come forward.	This site is not recommended for allocation given high flood risk implications, biodiversity constraints and in light of public consultation comments. Further detail on this is provided in the site assessment conclusions.
	BAS103, BAS102 & BAS121	Flood Zones 2 and 3 run through the sites, although these combination of sites are predominantly within Flood Zone 1. The sites are not within or Upstream of a Critical Drainage and there is no record of groundwater flooding. There is record of localised flooding in the southern part of BAS102, although this is minor. There is a record of localised flooding to the west of BAS121, an area which is external to the site but could impact on access to the site if access is taken from this location. Parts of the combined sites (not significant areas) are identified as being at risk of future surface water flooding in a 1 in 200 year event at a depth of 100 and 300mm.Given the location of these combined sites, potential for improvements and possibly expansion of the floodplains to be built into the masterplans for the sites should be considered if development were to come forward. Detailed modelling of the watercourses will clearly aide any assessment of potential for this. The Loddon Catchment Flood Management Plan seeks safeguarding of the flood plain and this should be considered as part of any development proposal.	These combined sites are not recommended for allocation given high flood risk implications, biodiversity constraints and in light of public consultation comments. Further detail on this is provided in the site assessment conclusions.

	BAS121 & BAS102	Flood Zones 2 and 3 run through the combined sites, although the sites are predominantly within Flood Zone 1. The sites are not within or Upstream of a Critical Drainage and there is no record of groundwater flooding. There is record of localised flooding in the southern part of BAS102, although this is minor. There is a record of localised flooding to the west of BAS121, an area which is external to the site but could impact on access to the site if access is taken from this locationParts of the site (not significant areas) are identified as being at risk of future surface water flooding in a 1 in 200 year event at a depth of 100 and 300mm. Given the location of these sites, potential for improvements and possibly expansion of the floodplains to be built into the masterplans for the sites should be considered if development were to come forward. Detailed modelling of the watercourses will clearly aide any assessment of potential for this. The Loddon Catchment Flood Management Plan seeks safeguarding of the flood plain and this should be considered as part of any development proposal.	These combined sites are not recommended for allocation given high flood risk implications, biodiversity constraints and in light of public consultation comments associated with BAS102. Further detail on this is provided in the site assessment conclusions.
7	BAS121	Flood Zones 2 and 3 run through the site, although the site is predominantly within Flood Zone 1. The site is not within or Upstream of a Critical Drainage and there is no of record of groundwater flooding within the site. There is a record of localised flooding to the west of BAS121, an area which is external to the site but could impact on access to the site - if access is taken from this location. Parts of the site (not significant areas) are identified as being at risk of future surface water flooding in a 1 in 200 year event at a depth of 100 and 300mm. Given the location of this site, potential for improvements and possibly expansion of the floodplains to be built into the masterplan for the site should be considered if development were to come forward. Detailed modelling of the watercourses will clearly aide any assessment of potential for this. The Loddon Catchment Flood Management Plan seeks safeguarding of the flood plain and this should be considered as part of any development proposal.	Site is recommended for allocation as the potentially negative impacts identified in the site assessment work can satisfactorily be addressed through mitigation measures; the site is not as significantly constrained in comparison to other Category 1 sites. The fact that this site is at higher risk of flooding than other Category 1 sites would not justify alternative sites (at lower flood risk) being allocated. This is because site BAS121 has fewer overall planning constraints than other sequentially preferable sites.

	BAS121 & SOL002	Flood Zones 2 and 3 run through the combined sites, although the sites are predominantly within Flood Zone 1. The sites are not within or Upstream of a Critical Drainage and there is no record of groundwater or localised flooding. There is a record of localised flooding to the west of BAS121, an area which is external to the site but could impact on access to the site if access is taken from this location. Parts of the site (not significant areas) are identified as being at risk of future surface water flooding in a 1 in 200 year event at a depth of 100 and 300mm. Given the location of these sites, potential for improvements and possible expansion of the floodplains to be built into the masterplans for the sites should be considered if development were to come forward. Detailed modelling of the watercourses will clearly aide any assessment of potential for this. The Loddon Catchment Flood Management Plan seeks safeguarding of the flood plain and this should be considered as part of any development proposal if development were to come forward.	Site is recommended for allocation as the potentially negative impacts identified in the site assessment work can satisfactorily be addressed through mitigation measures; the site is not as significantly constrained in comparison to other Category 1 sites. The fact that this site is at higher risk of flooding than other Category 1 sites would not justify alternative sites (at lower flood risk) being allocated. This is because the combined site has fewer overall planning constraints than other sequentially preferable sites.
6	BAS132	The site is predominantly within Flood Zone 1 and only a very minor part of flood zone 3 covers the southern tip of the site. The site is not within or upstream of a critical drainage area, there is no record of groundwater or localised flooding. The site is adjacent to an area that is Upstream of a Critical Drainage Area although due to the site's topography, the site would not drain into this land. Parts (not significant areas) of the site are identified as being at risk of future surface water flooding in a 1 in 200 year event to a depth of 300mm and 100mm.	The site is recommended for allocation as only a very minor part is within Flood Zone 3, an area which would be avoided for development purposes as well as the areas at risk of future surface water flooding. As such the flood risk associated with the site is minimal when considered in the context of other sites. The potentially negative impacts identified in the site assessment work can satisfactorily be addressed through mitigation measures; the site is not as significantly constrained in comparison to other Category 1 sites. The fact that this site is at higher risk of flooding than other Category 1 sites would not justify alternative sites (at lower flood risk) being allocated. This is because BAS132 has fewer overall planning constraints than other sequentially preferable sites.

	BAS133	The site is predominantly within Flood Zone 1 although the southern tip is flood zone 2, the site is not within or upstream of a critical drainage area, there is no record of groundwater flooding but there is a small area of localised flooding at the southern tip of the site. Parts (not significant areas) of the site are identified as being at risk of future surface water flooding in a 1 in 200 year event at a depth of 100mm.	This site is not recommended for allocation given its landscape and connectivity issues which cannot be satisfactorily mitigated in comparison to other Category 1 sites. Further information is detailed in the site assessment conclusions. Whilst the site may be sequentially preferable (in terms of flood risk) in comparison to other allocated sites, there are justifiable planning reasons for non allocation.
	BAS114 & BAS133	The combined site is predominantly within Flood Zone 1, although the southern tip is within flood zone 2, the site is not within or upstream of a critical drainage area, there is no record of groundwater but there is a small area of localised flooding at the southern tip of the site. Parts (not significant areas) of the site are identified as being at risk of future surface water flooding in a 1 in 200 year event at a depth of 100mm.	This combined site is not recommended for allocation given the landscape and connectivity issues associated with BAS133 which cannot be satisfactorily mitigated in comparison to other Category 1 sites. Furthermore information is provided in the site assessment conclusions. Whilst the combined site may be sequentially preferable (in terms of flood risk) in comparison to other allocated sites, there are justifiable planning reasons for non allocation.
5	BAS107	The site is wholly within Flood Zone 1, is not within or upstream of a critical drainage area and there is no record of groundwater flooding. There is record of localised flooding in the far north eastern corner of the site, however this is a minor area although it could have an impact on the access if access is taken from this location. The site is not at risk of future surface water flooding in a 1 in 200 year event. The Environment Agency has identified that there is the potential for shallow groundwater on site and that the poor drainage of the land represents a constraint.	Site is recommended for allocation as potentially negative impacts can satisfactorily be addressed through mitigation measures; the site is not significantly constrained in comparison to other Category 1 sites. The fact that this site is at higher risk of flooding than other Category 1 sites would not justify alternative sites (at lower flood risk) being allocated. This is because site BAS107 has fewer overall planning constraints than other sequentially preferable sites.

	BAS107 & BAS122	The site is wholly within Flood Zone 1, is not within or upstream of a critical drainage area and there is no record of groundwater flooding. There is record of localised flooding on the eastern boundary of BAS107 and within BAS122, however this is relatively minor; although it could have an impact on the access if access is taken from this location. Parts (not significant areas) of the site are identified as being at risk of future surface water flooding in a 1 in 200 year event to a depth of 100 and 300mm. The Environment Agency has identified that there is the potential for shallow groundwater on site and that the poor drainage of the land represents a constraint.	This combined site is recommended for allocation (with BAS122 as a reserve site) provided it comes forward comprehensively as per the site assessment conclusions. This is because the potentially negative impacts identified in the site assessment work can satisfactorily be addressed through mitigation measures; the combined site is not as significantly constrained in comparison to other Category 1 sites. The fact that this combined site is at higher risk of flooding than other Category 1 sites would not justify alternative sites (at lower flood risk) being allocated. This is because the combined site has fewer overall planning constraints than other sequentially preferable sites.
4	BAS024	Site is wholly within Flood Zone 1.Site is not within or Upstream of a Critical Drainage Area. Site has not experienced localised or groundwater flooding according to the SFRA. Only small parts of the site are identified as being at risk of future surface water flooding in a 1 in 200 year event to a depth of 100 and 300mm and this is not therefore deemed to be a significant constraint provided development proposals manage surface water on site as part of a strategy. Site is identified as being at risk from future groundwater flooding in the Water Cycle Study.	Site is recommended for allocation as the potentially negative impacts identified in the site assessment work can satisfactorily be addressed through mitigation measures; the site is not as significantly constrained in comparison to other Category 1 sites and the overall impacts of development (planning matters not exclusive to flood risk) are not as significant as sites that have not been recommended for allocation. The fact that this site is at higher risk of flooding than the reserve/alternative sites identified would not justify other sites (at lower flood risk) being allocated in light of the fact this site has fewer overall planning constraints. Sequentially preferable site BAS098 (in terms of flood risk) is not available for the reasons identified below, and all other sites are recommended for allocation.

	BAS104	The site is wholly within Flood Zone 1, is not within or upstream of a Critical Drainage Area and there is no record of localised or groundwater flooding. There is an Upstream Critical Drainage Area to the east of the site although the site would not drain into this area. Parts (not significant areas) of the site are identified as being at risk of future surface water flooding in a 1 in 200 year event at a depth of 100 and 300mm. The EA has identified that there is a risk of shallow groundwater and that the poor drainage of the land represents a constraint.	Site is recommended for allocation as potentially negative impacts can satisfactorily be addressed through mitigation measures; the site is not significantly constrained in comparison to other Category 1 sites. The fact that this site is at higher risk of flooding than the reserve sites identified would not justify alternative sites (at lower flood risk) being allocated in light of the fact this site has fewer overall planning constraints. Sequentially preferable site BAS098 (in terms of flood risk) is not available for the reasons identified below, and all other sites are recommended for allocation.
3	BAS122	The site is wholly within Flood Zone 1, is not within or upstream of a critical drainage area and there is no record of groundwater flooding. There is record of localised flooding in the eastern part of the site which is of a minor nature, although it could impact on access if access is taken from this location. Parts (not significant areas) of the site are identified as being at risk of future surface water flooding in a 1 in 200 year event at a depth of 100 and 300mm.	Site is recommended for allocation as a reserve site and can only be brought forward comprehensively with BAS107 given identified impacts. The need for a contingency is a requirement of current and draft National Policy guidance in the interests of ensuring a mechanism to deliver housing supply if allocated sites do not come forward as planned - hence reserve sites have been identified for allocation. Sequentially preferable site BAS098 (in terms of flood risk) is not available for the reasons identified below, and all other sites are recommended for allocation.

	BAS098	The site is situated wholly within Flood Zone 1, outside a Critical Drainage Area and is not Upstream of a Critical Drainage Area although the site is adjacent to land that is Upstream of and within a Critical Drainage Area that water from the site would potentially drain into. There is no record of groundwater flooding within the site. There is a record of localised flooding towards the central eastern boundary of the site, although this is relatively minor. Parts of the site are identified as being at risk of future surface water flooding in a 1 in 200 year event to a depth of 100 and 300mm.	This site is not recommended for allocation as it is not available for development over the Plan Period and would fail to meet the Planning Policy Statement 3 delivery tests. Whilst this may be a sequentially preferable site in terms of flood risk, it cannot be allocated for availability reasons. This information is outlined in the site assessment work.
2	BAS114	The site is wholly within Flood Zone 1, is not within or upstream of a critical drainage area, there is no record of localised flooding and there is no record of groundwater flooding. Parts (not significant areas) of the site are identified as being at risk of future surface water flooding in a 1 in 200 year event at a depth of 100 and 300mm.	Site is recommended for allocation as a reserve site. The need for a contingency is a requirement of current and draft National Policy guidance in the interests of ensuring a mechanism to deliver housing supply if allocated sites do not come forward as planned. The potentially negative impacts identified in the site assessment work can satisfactorily be addressed through mitigation measures; the site is not as significantly constrained in comparison to other Category 1 sites and the overall impacts of development (planning matters not exclusive to flood risk) are not as significant as sites that have not been recommended for allocation.
1	SOL002	The site is situated wholly within Flood Zone 1, outside a Critical Drainage Area and is not Upstream of a Critical Drainage Area. There is no record of groundwater or localised flooding within the site. The site is not at risk of future surface water flooding in a 1 in 200 year event.	Site is recommended for allocation provided it is developed in conjunction with BAS121. This is in light of the fact that the site would not deliver infrastructure benefits required if developed on its own, given its small scale.

Bandings in order of highest to lowest flood risk	Flood Risk Ranking - Whitchurch	The flood risk information has been sourced from the Council's SFRA, Water Cycle Study, Environment Agency Flood Maps for Surface Water 1 in 200 Year event to 300 and 100mm depths and the ongoing Surface Water Management Plan work.	Sequential Test Comments
4	WHIT009	Site is predominantly within Flood Zone 1 although a small part of the site is within Flood Zones 2 and 3. The site is outside and is not Upstream of a Critical Drainage Area. There is no record of groundwater flooding or localised flooding within the site. Parts of the site (although not significant areas) are identified as being at risk of future surface water flooding in a 1 in 200 year event to a depth of 300 and 100mm. The Environment Agency has identified that there is potential for shallower groundwater when compared with other sites.	This site is not recommended for allocation.
3	WHIT006	Site is predominantly within Flood Zone 1 although the eastern corner is within Flood Zone 2 and 3. The site is outside and is not Upstream of a Critical Drainage Area. There is no record of groundwater flooding or localised flooding within the site. There is no risk of future surface water flooding in a 1 in 200 year event.	This site is recommended for allocation as it is one of the sites in Whitchurch which has the least planning constraints, constraints which could be satisfactorily addressed through mitigation. The fact that this site is at higher risk of flooding than other Category 1 sites would not justify alternative sites (at lower flood risk) being allocated. This is because site WHIT006 has fewer overall planning constraints than other sequentially preferable sites. The Sustainability Appraisal identifies mitigation measures to ensure development is sequentially located within the site to avoid areas at flood risk.

2	WHIT010a	The site is situated wholly within Flood Zone 1. The site is outside and is not Upstream of a Critical Drainage Area. There is no record of groundwater or localised flooding within the site. Part of the site (a minor area) is at risk of future surface water flooding in a 1 in 200 year event to a depth of 100mm. The EA has identified that groundwater could be shallow on this site.	This site is not recommended for allocation as it has not been demonstrated to the council's satisfaction that access to the site can be achieved. This is a justifiable planning reason for not allocating the site in preference to alternative sites in Whitchurch at greater risk of flooding. Whilst it may be sequentially preferable (in terms of flood risk) in comparison to other allocated sites, there are planning reasons for non allocation which are provided in more detail in the site assessment conclusions.
1	WHIT007	The site is situated wholly within Flood Zone 1, is outside and is not Upstream of a Critical Drainage Area. There is no record of groundwater or localised flooding within the site. Parts of the site (not significant areas) are identified as being at risk of future surface water flooding in a 1 in 200 year event to a depth of 300 and 100mm.	This site is recommended for allocation as it is one of the two sites in Whitchurch which has the least planning constraints, constraints which could be satisfactorily addressed through mitigation. The site is also sequentially preferable in terms of flood risk. The Sustainability Appraisal identifies mitigation measures to ensure development is sequentially located within the site to avoid areas at flood risk.
Bandings in order of highest to lowest flood risk	**Flood Risk Ranking - Overton**	**The flood risk information has been sourced from the Council's SFRA, Water Cycle Study, Environment Agency Flood Maps for Surface Water 1 in 200 Year event to a depth of 100 and 300mm and the ongoing Surface Water Management Plan work.**	**Sequential Test Comments**
3	OV003	Flood Zone 2 runs through the site, although the site is predominantly within Flood Zone 1. The site is not within or Upstream of a Critical Drainage Area and there is no record of groundwater flooding or localised flooding. Parts of the site (not significant areas) are identified as being at risk of future surface water flooding in a 1 in 200 year event to a depth of 300 and 100mm.	This site is not recommended for allocation

	OV007	The site is predominantly within Flood Zone 1 although the north eastern corner is within Flood Zone 2 which is a small tributary of the River Test. The site is outside a Critical Drainage Area and is not Upstream of a Critical Drainage Area. There is no record of groundwater flooding or localised flooding within the site. Parts of the site (although not significant areas) are identified as being at risk of future surface water flooding in a 1 in 200 year event at a depth of 100 and 300mm.	This site is not recommended for allocation
2	OV006	The site is situated wholly within Flood Zone 1, outside of and not Upstream of a Critical Drainage Area. There is no record of groundwater flooding or localised flooding within the site. Parts of the site (although not significant areas) are identified as being at risk of future surface water flooding in a 1 in 200 year event at a depth of 100 and 300mm.	This site is not recommended for allocation
1	OV004	The site is situated wholly within Flood Zone 1, outside of and not Upstream of a Critical Drainage Area. There is no record of groundwater or localised flooding within the site. The site is not at risk of future surface water flooding in a 1 in 200 year event.	This site is not recommended for allocation
	OV010	The site is situated wholly within Flood Zone 1, outside of and not Upstream of a Critical Drainage Area. There is no record of groundwater or localised flooding within the site. The site is not at risk of future surface water flooding in a 1 in 200 year event.	This site is not recommended for allocation
	OV002	The site is situated wholly within Flood Zone 1. The site is outside of and not Upstream of a Critical Drainage Area. There is no record of groundwater or localised flooding within the site. The site is not at risk of future surface water flooding in a 1 in 200 year event.	This site is being recommended for allocation as it is the site which has the least planning constraints, constraints which could be satisfactorily addressed through mitigation. The site is also sequentially preferable in terms of flood risk.

Bandings in order of highest to lowest flood risk	Flood Risk Ranking - Bramley	The flood risk information has been sourced from the Council's SFRA, Water Cycle Study, Environment Agency Flood Maps for Surface Water 1 in 30 Year and 1 in 200 Year event and the ongoing Surface Water Management Plan work.	Sequential Test Comments
1	BRAM005	The site is situated wholly within Flood Zone 1, outside of and is not Upstream of a Critical Drainage Area. There is no record of groundwater flooding within the site. There is a record of localised flooding in the south western corner of the site, although this is relatively minor. Parts of the site are identified as being at risk of future surface water flooding in a 1 in 200 year event at a depth of 100 and 300mm.	This site is not recommended for allocation.